

Memorandum

To: ALL CONSTRUCTION SENIORS & ABOVE
ALL RESIDENT ENGINEERS

Date: April 13, 1998

File: Construction Program Directive,
CPD 98-1

From: **DEPARTMENT OF TRANSPORTATION**
Construction Program
Mail Station #44

Subject: Crashworthy Guardrail End Terminal

References: Standard Plans A77G and A77GA

BACKGROUND

All hardware used on highways must meet minimum crashworthiness standards in effect at the time of placement. The guardrail end anchor assembly listed as "Anchor Assembly (Breakaway, Type M)" does not meet this requirement.

EXISTING PROCEDURE

Type M anchor assemblies have been specified on many projects requiring crashworthy end treatments.

NEW PROCEDURE

All plans, including projects currently under construction, are to be reviewed. If the plans call for Type M or Type A anchor assemblies then they are to be deleted by Contract Change Order and replaced with an acceptable, crashworthy terminal section and anchor assembly.

Exceptions are limited to those instances when one of the following conditions exist:

1. The change will result in delaying the completion of the work.
2. The specified Type M anchor assemblies have been ordered, and the order can not be canceled or changed without penalty.
3. The terminal system specified in the contract has already been installed.

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The specified Type M and Type A anchor assemblies are to be replaced with the Slotted Rail Terminal 350 (SR-350) System. The SRT-350 is available from Syro, Inc., P.O. Box 99, 950 West 400S, Centerville, UT 84014.

Type M anchor assemblies will be phased out and not be shown on future contract plans.

Documation of the "Finding of Public Interest" and FHWA blanket concurrence in this change are on file in Headquarters. These documents are to be cited in the Transmittal Memorandum.

Starting with CPD 98-1, all Construction Program Directives can be found on the Caltrans Construction Internal Website listed below:

<http://trmac.dot.ca.gov/construction>

A handwritten signature in cursive script that reads "Bart Gauger".

BART GAUGER
Program Manager
Construction

Enclosures

c: KNystrom, Traffic Ops.
EHirst, Traffic Ops.